

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : Meissner, H. et al) Art Unit: 1614
U.S. Appln. No. : To be assigned) Examiner: Huang, Evelyn M.
Confirmation No. : To be assigned
U.S. Filing Date : October 14, 2003
Title of Invention : Anticholinergics which may be used as Medicaments as well as
Processes for Preparing Them.
Attny. Docket No. : 1/1151-1-C1

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

October 14, 2003

TRANSMITTAL LETTER FOR INFORMATION DISCLOSURE STATEMENT

Sir:

Transmitted herewith concerning the subject application is an Information Disclosure Statement (Form 1449A/B) under 37 C.F.R. §§1.56 and 1.97, as more specifically described hereinbelow.

☒ 1.97(b). This Statement is being filed: i) within three (3) months of the filing date of a national application other than a continued prosecution application under 37 C.F.R. §1.53 (d); ii) within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application; iii) before the mailing of a first Office action on the merits; or iv) before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. §1.114.

☐ 1.97(c). This Statement is being filed after the time period specified in 37 C.F.R. §1.97(b), but before the mailing date of: i) a final action under 37 C.F.R. §1.113, ii) a notice of allowance under 37 C.F.R. §1.311, or iii) an action that otherwise closes prosecution in the application. This Statement is being accompanied by:

☐ A statement as specified in 37 C.F.R. §1.97(e) [see below]; or

☐ The fee set forth in 37 C.F.R. §1.17(p).

☐ The Commissioner is hereby authorized to charge payment of the \$180.00 fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. 02-2955.

☐ 1.97(d). This Statement is being filed after the period specified in 37 C.F.R. §1.97(c) but on or before payment of the issue fee. This Statement is accompanied by a statement as specified in 37 C.F.R. §1.97(e) [see below] and the fee set forth in 37 C.F.R. §1.17(p).

☐ 1.97(e).

☐ Each item of information contained in the instant information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the instant information disclosure statement; or

☐ No item of information contained in the instant information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in the instant information disclosure statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three (3) months prior to the filing of the instant information disclosure statement.

☐ The fee set forth in 37 C.F.R. §1.17(p).

☐ The Commissioner is hereby authorized to charge payment of the \$180.00 fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. 02-2955.

☐ 1.704(d). Each item of information contained in the accompanying information disclosure statement was cited in a communication from a foreign patent office in a counterpart application, which communication was not received by any individual designated in section 1.56(c) more than thirty (30) days prior to the filing of the accompanying information disclosure statement.

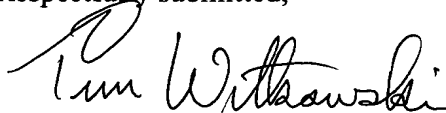
REMARKS

The references cited on Form 1449A/B/PTO can be located in the parent application filed October 11, 2001 and accorded U.S. Serial No. 09/976,950.

☒ The Commissioner is hereby authorized application processing fees under 37 C.F.R. §1.17, or credit any overpayment of same, to charge payment of any additional filing fees required under 37 C.F.R. §1.16 and any patent to Deposit Account No. 02-2955.

Triplicate copies of this form are enclosed.

Respectfully submitted,



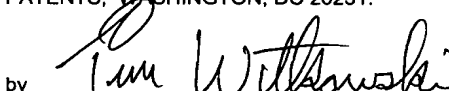
Timothy X. Witkowski
Attorney for Applicant(s)
Reg. No. 40,232

Patent Department
Boehringer Ingelheim Corp.
900 Ridgebury Road, P.O. Box 368
Ridgefield, CT 06877
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Date: October 14, 2003

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	To be assigned
Filing Date	October 14, 2003
First Named Inventor	Helmut MEISSNER et al
Art Unit	1614
Examiner Name	Huang, Evelyn Mei
Attorney Docket Number	1/1151-1-C1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4,042,700	08/16/1977	Banholzer, R. et al	
		US- 4,608,377	08/26/1986	Banholzer, R. et al	
		US- 4,783,534	10/08/1998	Banholzer, R. et al	
		US- 5,610,163	03/11/1997	Banholzer, R. et al	
		US- 5,654,314	08/05/1997	Banholzer, R. et al	
		US- 5,770,738	06/23/1998	Banholzer, R. et al	
		US- 5,952,505	09/14/1999	Banholzer, R. et al	
		US- 6,486,321	11/26/2002	Banholzer, R. et al	
		US- 6,506,900	01/14/2003	Banholzer, R. et al	
		US- 2002/0133010 A1	09/19/2002	Banholzer, R. et al	
		US- 5,654,314	08/05/1997	Banholzer, R. et al	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		DE 40 03 270 A1	08/08/1991	BI KG		
		WO 92/16528A	10/01/1992	BI Int'l. GmbH		

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	To be assigned
				Filing Date	October 14, 2003
				First Named Inventor	Helmut MEISSNER
				Group Art Unit	1614
				Examiner Name	Huang, Evelyn
Sheet	2	of	4	Attorney Docket Number	1/1151-1-C1

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Chemical Abstract, 59, 1963, 5665 g-h, 5666a	
		Chemical Abstract, 61, 1964, 9361 f-h	
		SCHULTZ, ET AL; "Zum Problem des Wirkungs-zentrums bei Tropylestern"; Pharmazeutische Zeitung Nr. 40, 5, Oktober 1972, 1455-1456	✓
		CAS Registry No. 53949-94-3	
		CAS Registry No. 41055-56-5	
		CAS Registry No. 40797-30-6	
		Chemical Abstract No. 118:81214 (1993)	
		Chemical Abstract No. 99:145 (1983)	
		Chemical Abstract No. 59:5665f-g (1963)	
		Chemical Abstract No. 54:15669d-e (1960)	
		Chemical Abstract No. 78:119197 (1973)	

Examiner Signature		Date Considered	
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>09/976,950</td> </tr> <tr> <td>Filing Date</td> <td>10/11/2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Helmut MEISSNER</td> </tr> <tr> <td>Group Art Unit</td> <td>1614</td> </tr> <tr> <td>Examiner Name</td> <td>Huang, Evelyn M.</td> </tr> <tr> <td>Attorney Docket Number</td> <td>1/1151-1-C1</td> </tr> </table>		Application Number	09/976,950	Filing Date	10/11/2001	First Named Inventor	Helmut MEISSNER	Group Art Unit	1614	Examiner Name	Huang, Evelyn M.	Attorney Docket Number	1/1151-1-C1
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Sheet	3	of	4												

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Chemical Abstract 122:204554, Vol. 122, No. 17, 04/24/1995	
		Chemical Abstract 82:51342t, Vol. 82, No. 9, 03/03/1975	
		Chemical Abstract 77:135027, Vol. 77, No. 21, 11/20/1972	
		Chemical Abstract 128:252519, Vol. 128, No. 21, 05/25/1998	
		Chemical Abstract 126:292958, Vol. 126, No. 22, 06/02/1997	
		Chemical Abstract 90:179952, Vol. 90, No. 23, 06/04/1979	
		Chemical Abstract 85:87108, Vol. 85, No. 13, 09/27/1976	
		Chemical Abstract 77:28759, Vol. 77, No. 5, 07/31/1972	
		Chemical Abstract 67:73724, Vol. 67, No. 15, 10/09/1967	

Examiner Signature		Date Considered	
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